

FIG.1

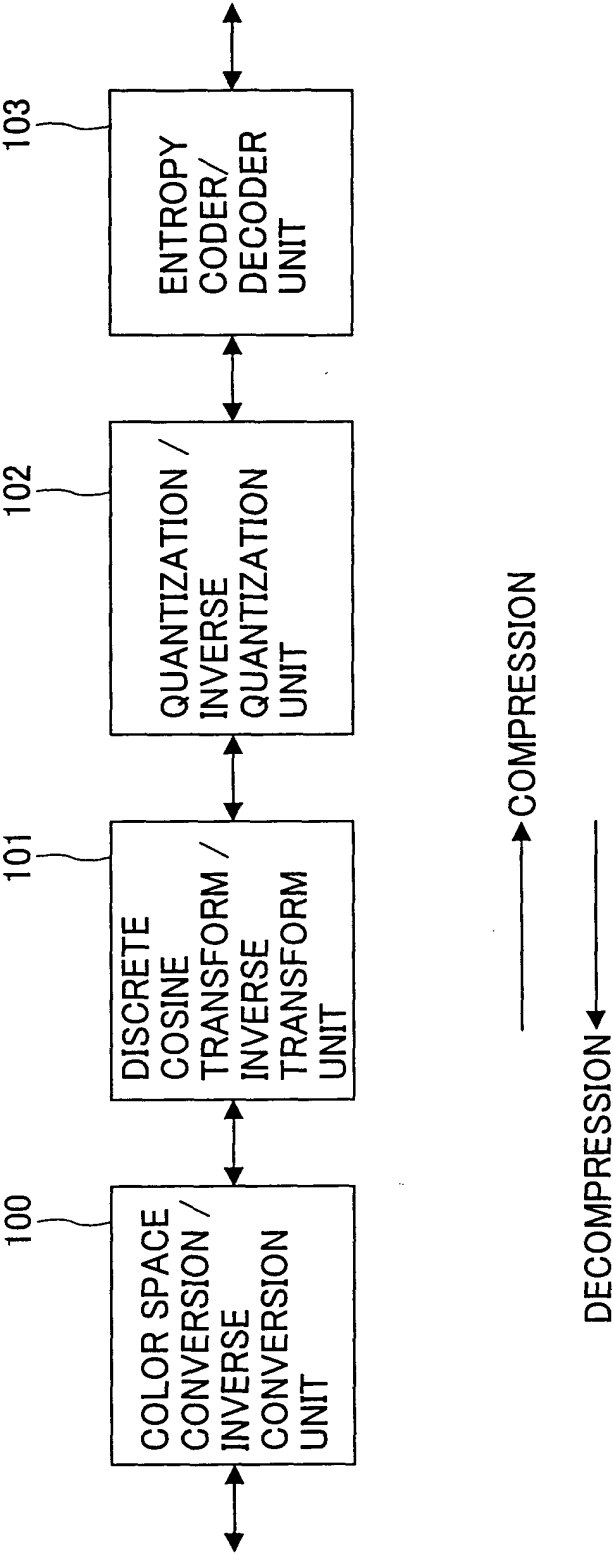


FIG.2

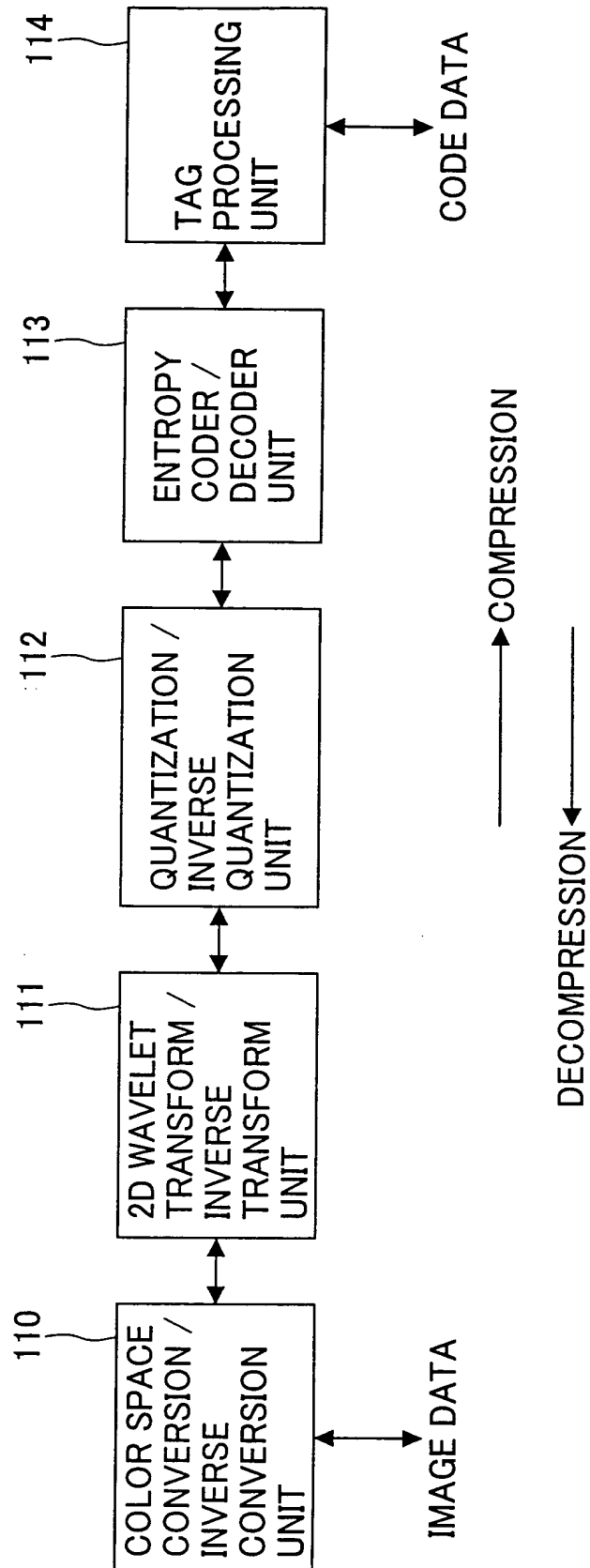
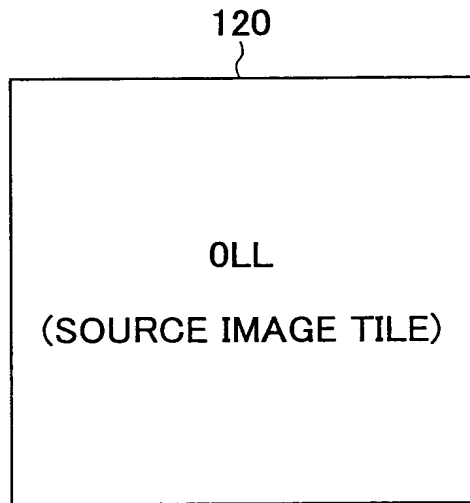
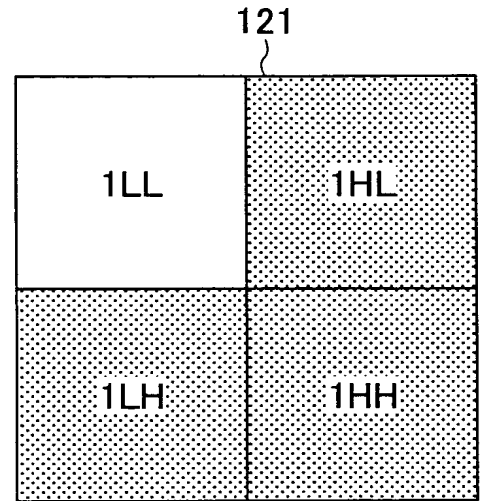


FIG.3A



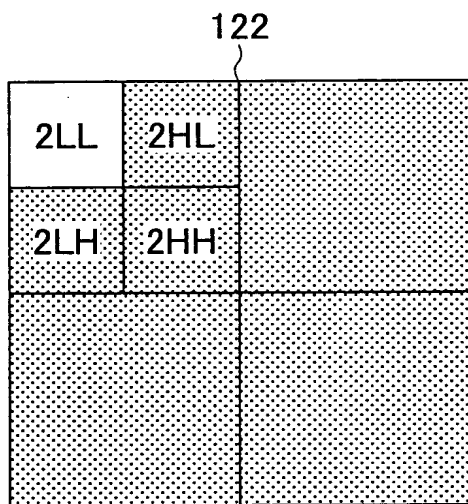
DECOMPOSITION_LEVEL1_0

FIG.3B



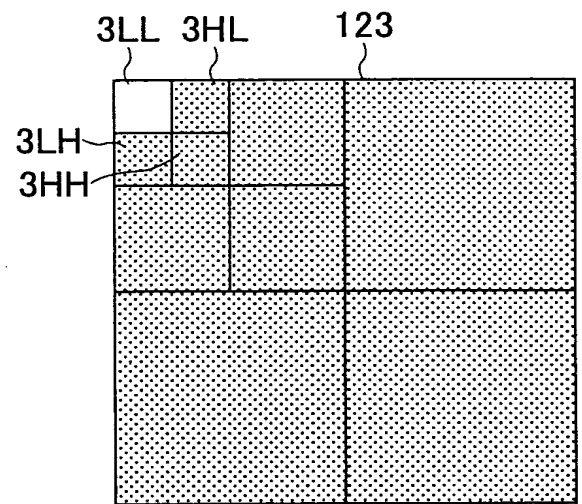
DECOMPOSITION_LEVEL1_1

FIG.3C



DECOMPOSITION_LEVEL1_2

FIG.3D



DECOMPOSITION_LEVEL1_3

FIG.4

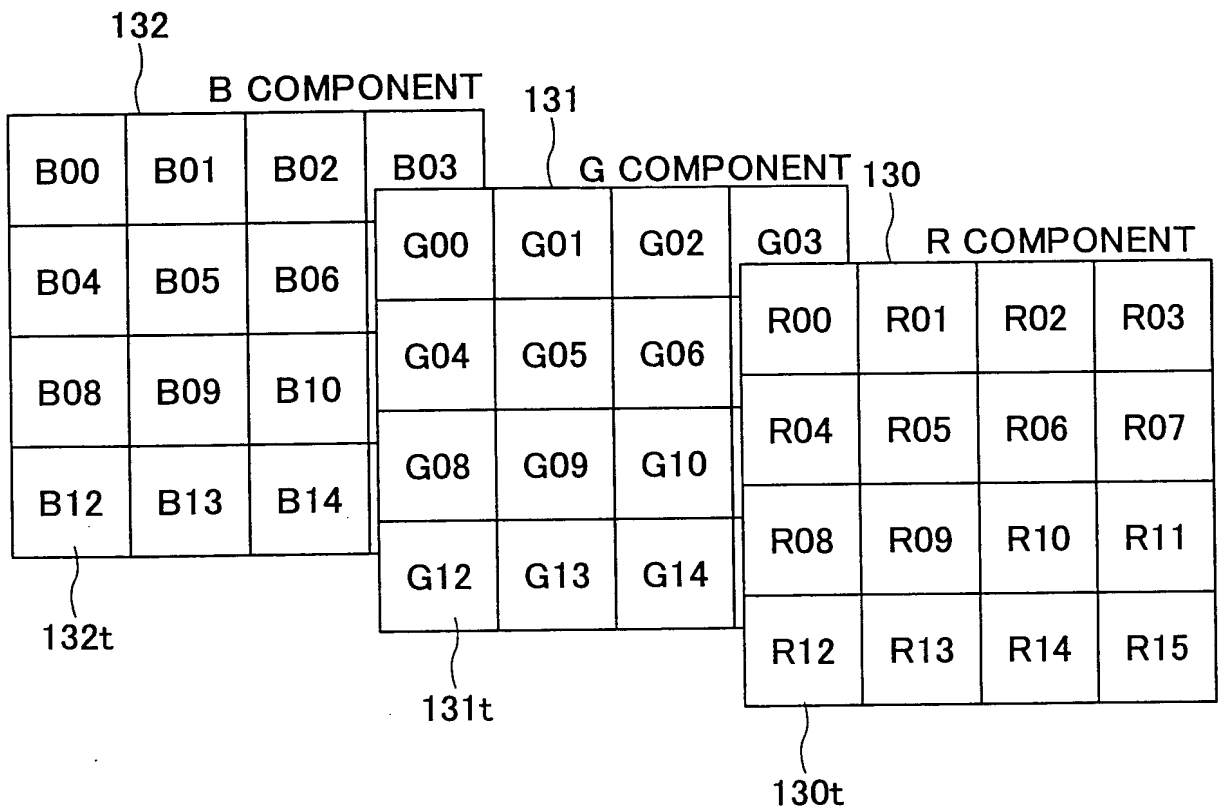
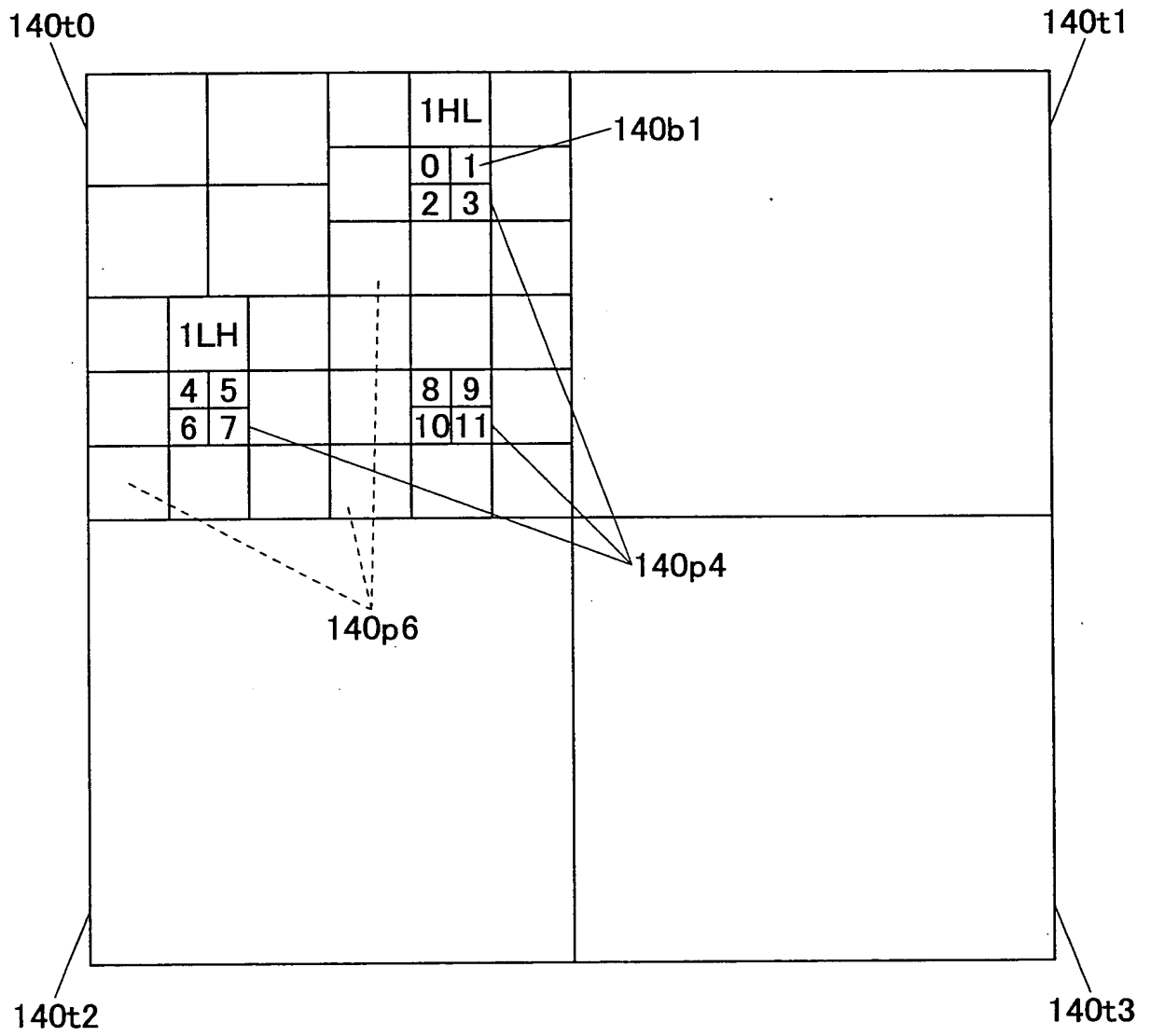


FIG.5



A diagram illustrating a grid structure. The grid is composed of 4 columns and 4 rows of squares. The top row is labeled "PRECINCT" above the first square. The second row has "PRECINCT" above the first square, "TILE" above the second square, and "TILE" above the third square. The third row has "PRECINCT" above the first square, "PRECINCT" above the second square, and "PRECINCT" above the third square. The bottom row has "TILE" above the first square and "TILE" above the second square. A circle with a stippled pattern is drawn around the square at the intersection of the third row and the second column. A line extends from the right side of this circle towards the right edge of the diagram.

**FILTER : REVERSIBLE (5, 3) INTEGER
TRANSFORM FILTER
EXTENSION : MIRRORING**

-85	-80	-80	-70
-86	-82	-80	-76
-83	-83	-78	-75
-84	-85	-85	-78

```
TILE # = 0
PRECINCT # = 3
CODE BLOCK # = 3
```

-84	-77	1	8
LL		HL	
-84	-79	-1	4
-1	-1	2	-2
LH		HH	
0	-5	2	4

```

DECOMPOSITION LEVEL # = 1
TILE # = 0
PRECINCT # = 3
CODE BLOCK # = 3

```

-84	-84	-77	-79
-	-	-	-
1	1	1	1
0	0	0	0
1	1	0	0
0	0	1	1
1	1	1	1
0	0	0	1
0	0	1	1

1LL			
-1	0	-1	-5
-	0	-	-
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
1	0	1	1

1	-1	8	4
+	-	+	+
0	0	0	0
0	0	0	0
0	0	0	0
0	0	1	0
0	0	0	1
0	0	0	0
1	1	0	0

ABSOLUTE
VALUE OF
COEFFICIENT
(LSB)

2	2	-2	4
+	+	-	+
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	1
1	1	1	0
0	0	0	0

1HH

FIG. 7

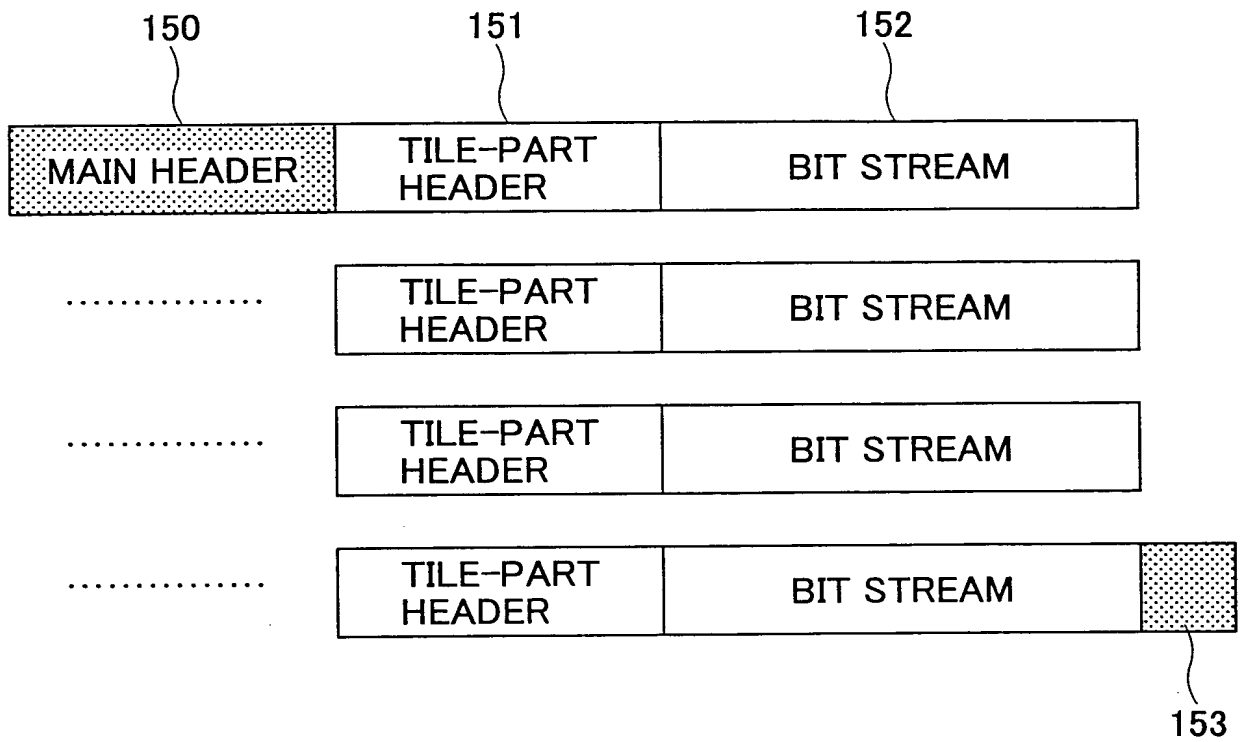


FIG.8

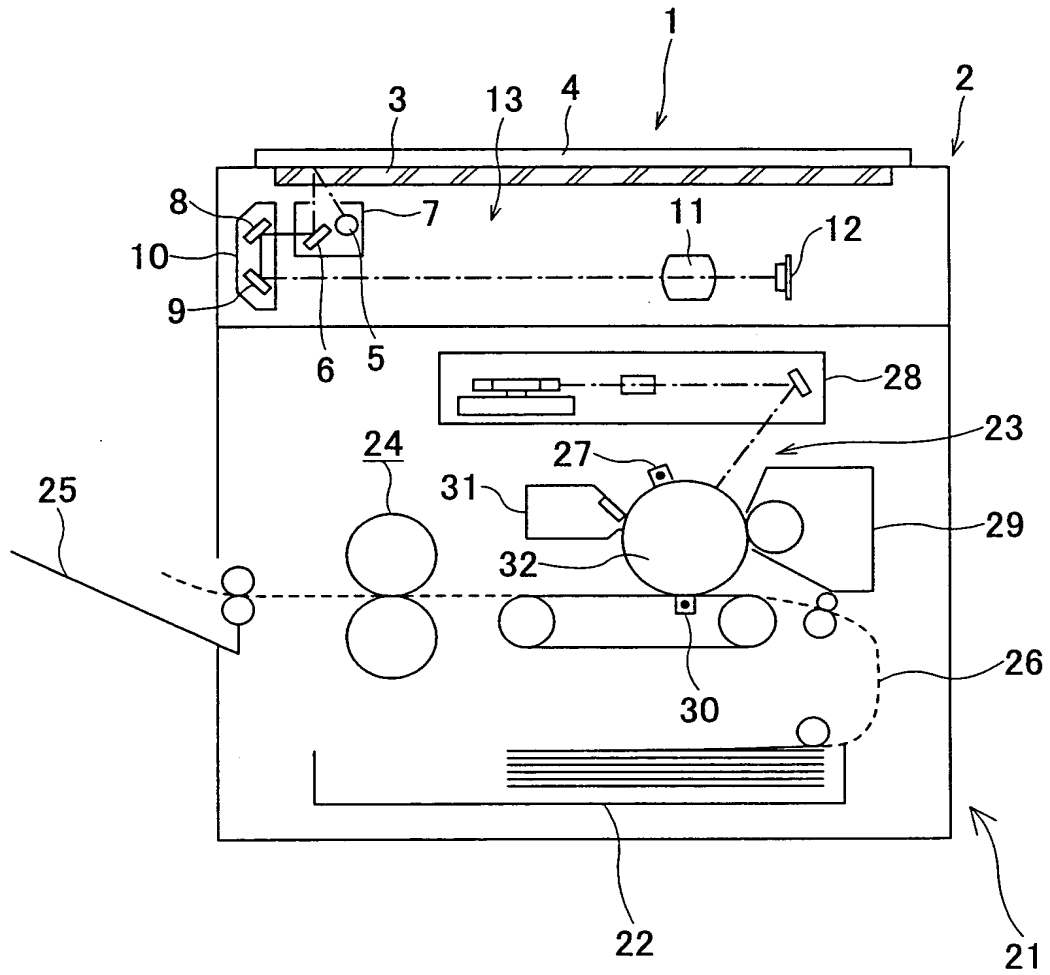


FIG.9

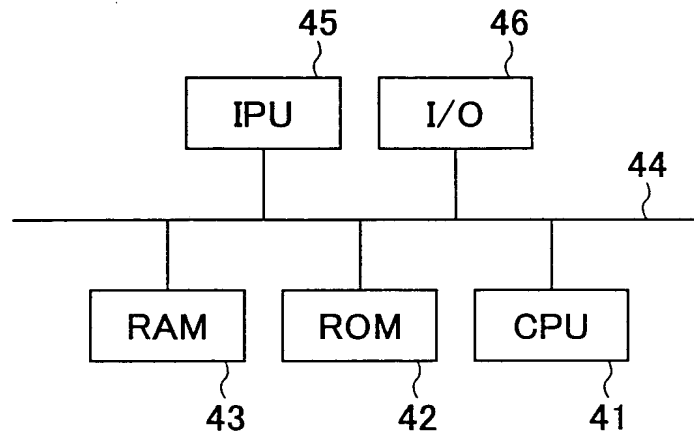


FIG.10

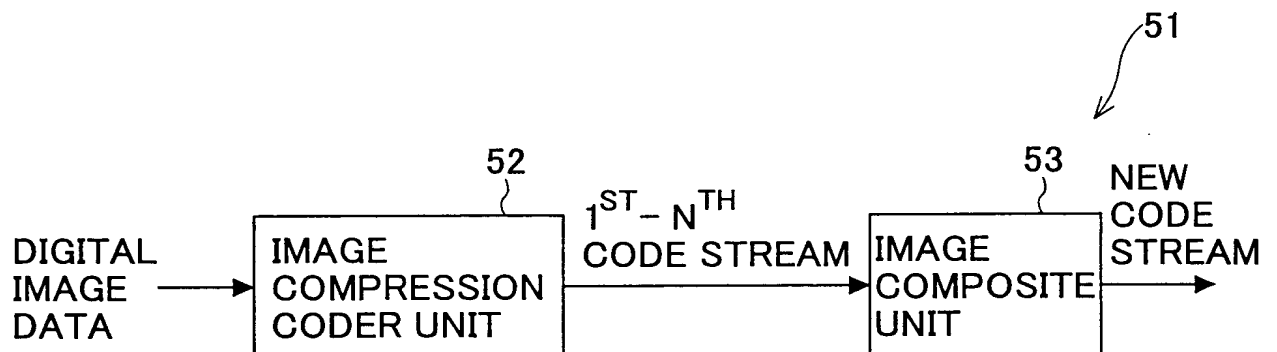


FIG.11

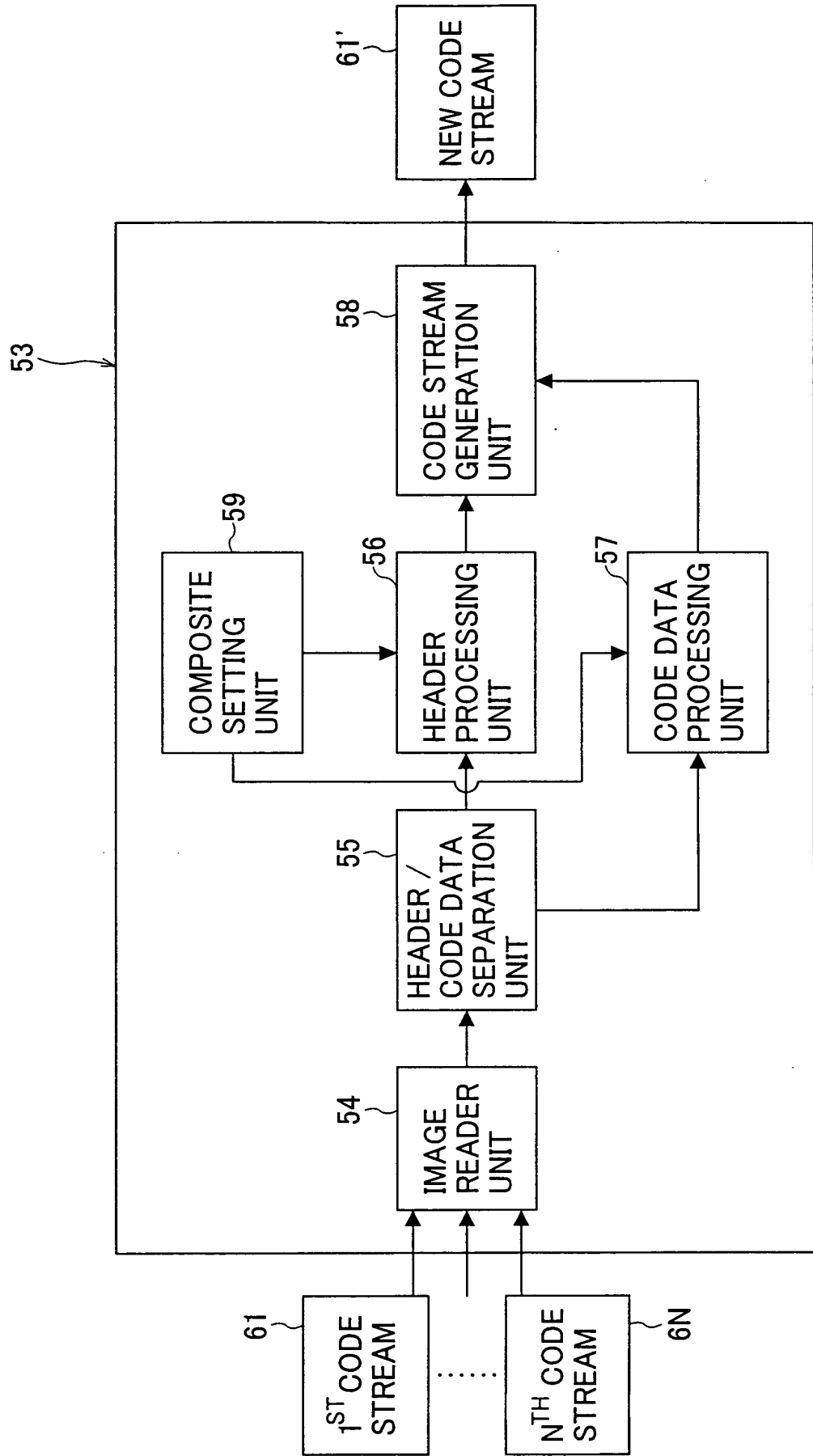


FIG.12

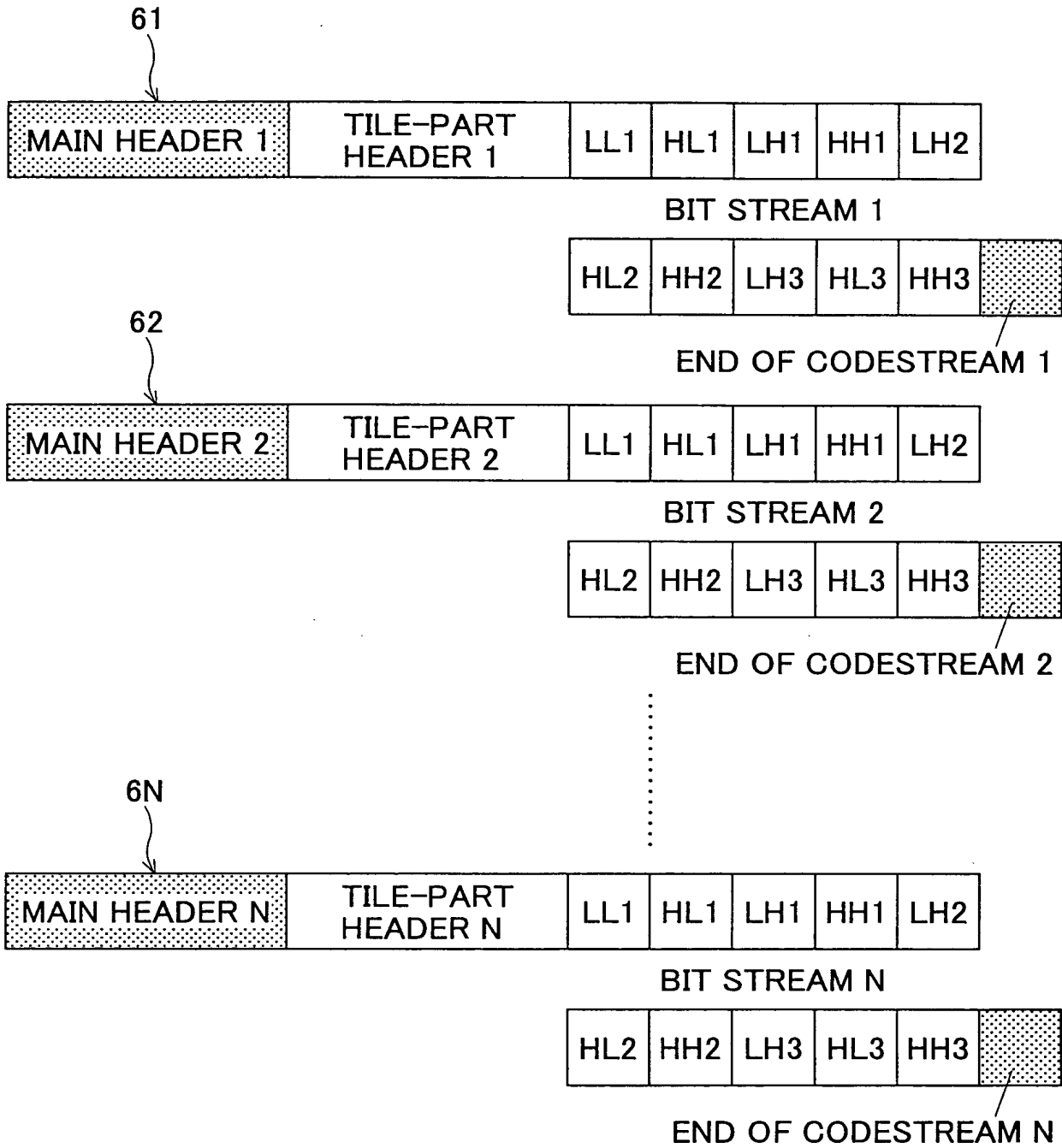


FIG.13

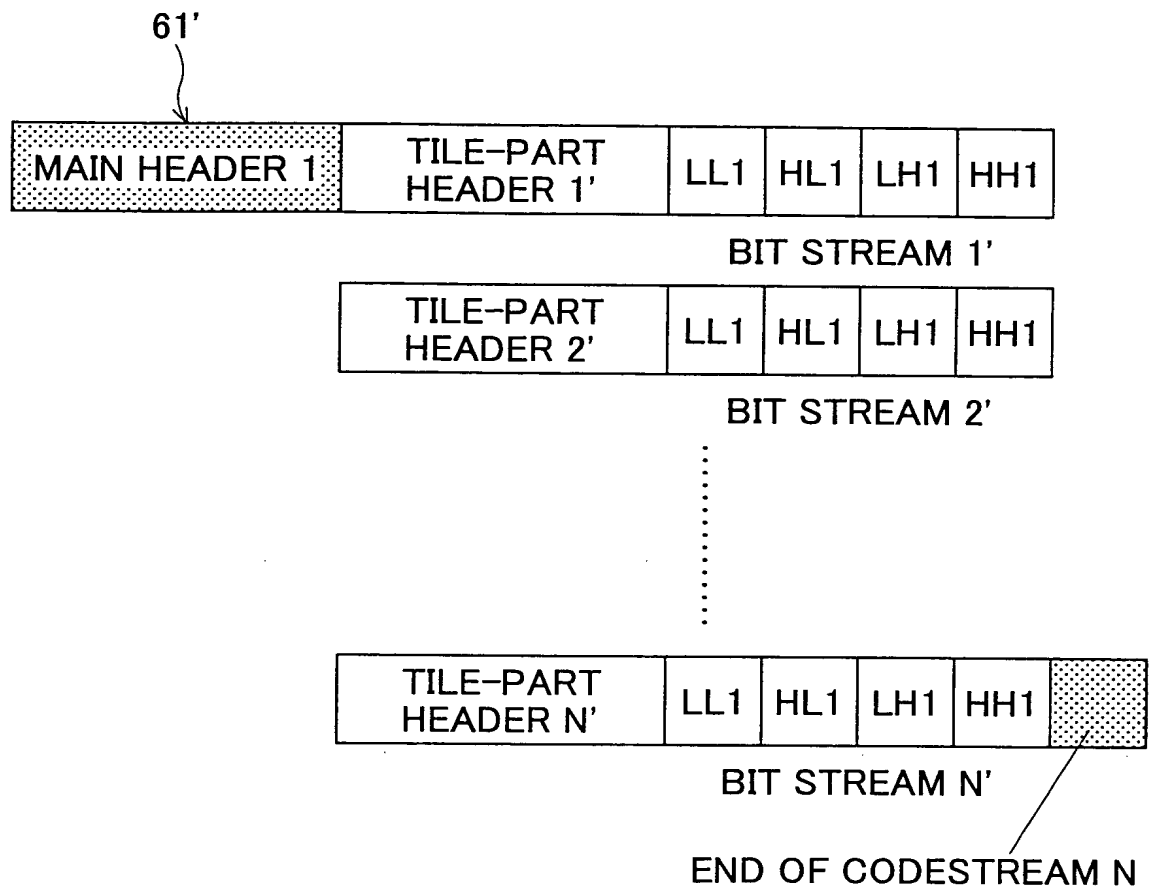


FIG.14

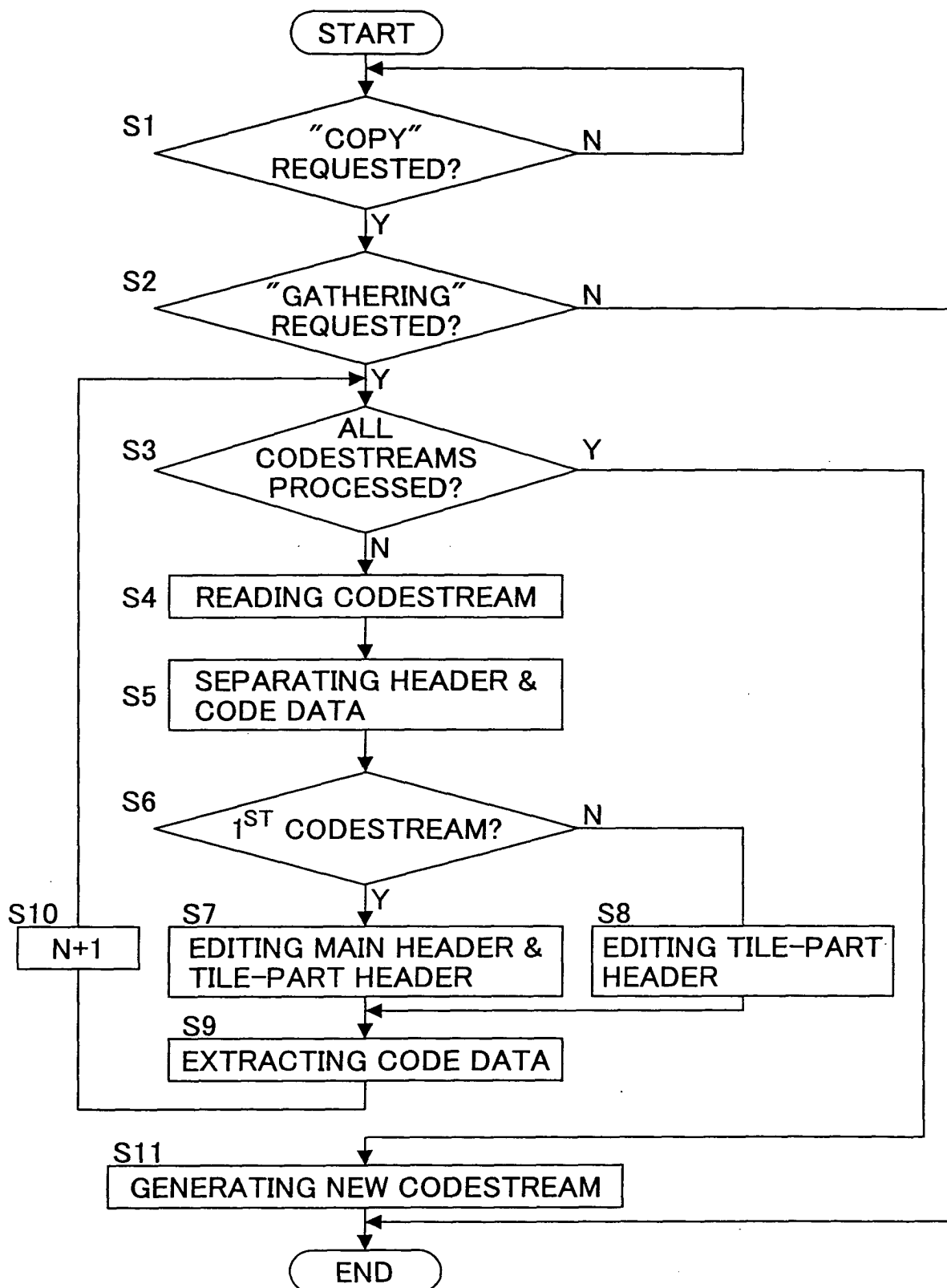


FIG.15

